

Work Order ID 54753

December 21, 2009 9:02:43 AM



Page 1

Item ID: D205-633-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Access-Step

Start Date: 12/21/09 Start Qty: 4.00



Cust Item ID:

Required Date: 12/31/09 Req'd Qty: 4.00



Customer:

Reference:

Approvals: Process Plan: 

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

N/A

Rev N/A

100

0.00



DC

Document Control

64 ✓

DOCUMENT CONTROL

Memo

0.00

Photocopy bluefile & type labels per PPP205-633-011 CHG001

5 10/01/15

HJ for CL 10/01/04

110

0.00



Packaging

Packaging

Pick Kit

Memo

0.00

10-1-22 (40) SP

120

0.00



QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

0.00

27 8 10/01/15

(x4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 54753

Page 2

December 21, 2009 9:02:46 AM

Item ID: D205-633-011

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Access-Step

Start Date: 12/21/09 Start Qty: 4.00



Cust Item ID:

Required Date: 12/31/09 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D205-633-011

Location:

MEVG

12/21/09 (4)

140

0.00



QC21- Final Inspection - Work Order Release

QC

Memo

0.00

Quality Control

10/01/15
MF 10-01-15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 21, 2009 9:02:21 AM

Page 1

Work Order ID: 54753

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step


Comments:

Start Date: 12/21/09

Required Date: 12/31/09

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-14A  Bolt		Purchased	No			110	Each	474.0000	4.0000			

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

474

113359

474

110

Each

157.0000

8.0000

AN4-5A



Bolt

Purchased

No

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

157

100089

6

106605

6

108672

1

109061

9

110844

32

111650

3

112933

100

10-1-12 SP

4
10-1-12 42 SP

8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 21, 2009 9:02:21 AM

Page 2

Work Order ID: 54753

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step

Comments:

Start Date: 12/21/09

Required Date: 12/31/09

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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AN4-6A <i>H2</i>		Purchased	No			110	Each	1,697.000	8.0000			
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Bolt



10-1-12 *sf*

Warehouse Location	Loc Qty	Loc Code
-----------------------	---------	----------

Main Warehouse

ST	1697	
<i>112314</i>	297	
112641	100	
112720	100	
112829	300	
112933	300	
113149	600	

8

AN4-7A <i>H2</i>		Purchased	No			110	Each	321.0000	8.0000			
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Bolt



10-1-12 *42* *sf*

Warehouse Location	Loc Qty	Loc Code
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Main Warehouse

ST	321	
112794	1	
<i>113226</i>	320	

8

December 21, 2009 9:02:21 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 21, 2009 9:02:23 AM

Page 3

Work Order ID: 54753



Parent Item: D205-633-011



Parent Item Name: Heli-Access-Step

Start Date: 12/21/09

Required Date: 12/31/09

Comments:

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN5-14A <i>21</i> 		Purchased	No			110	Each	110.0000	4.0000			
Bolt											10-1-12	<i>SP</i>

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	110
106166	8
112411	40
112467	12
112489	50

AN5-6A *21*



Bolt

Purchased

No

110

Each

81.0000

4.0000



10-1-12

(4x8)

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	81
108376	8
111425	23
112243	50

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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December 21, 2009 9:02:23 AM

Work Order ID: 54753

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step

Comments:

Start Date: 12/21/09

Required Date: 12/31/09

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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AN960JD416		Purchased	No			110	Each	1,489.000	60.0000			
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Washer

NAS1149D0463d

QS1 017

Warehouse	Loc Qty	Loc Code
-----------	---------	----------

Main Warehouse

ST	1489	
103691	20	
104215	6	
108161	329	
110523	340	
111279	101	
111916	482	
112314	211	
16941	0	

1113288 10-1-12

AN960JD516		Purchased	No			110	Each	886.0000	16.0000			
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Washer

Warehouse	Loc Qty	Loc Code
-----------	---------	----------

Main Warehouse

ST	886	
110363	46	
110523	57	
111279	39	
112082	64	
112314	14	
112828	166	
113149	500	

10-1-12 40

16

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 21, 2009 9:02:29 AM

Page 5

Work Order ID: 54753

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step

Comments:

Start Date: 12/21/09

Required Date: 12/31/09

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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D2021-101		Manufactured	No			110	Each	12.0000	4.0000			
-----------	--	--------------	----	--	--	-----	------	---------	--------	--	--	--

8+4 Eyebolt

10-1-12 SP

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST

12

40433

12

D2022-101

Manufactured No

110

Each

475.0000

8.0000

8+4 Spacer

10-1-12 SP

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST504

475

45885

275

50746

100

52325

100

D2022-103

Manufactured No

110

Each

194.0000

8.0000

8+4 Spacer

10-1-12 40 SP

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST109

194

47964

187

50735

7

December 21, 2009 9:02:29 AM

Shop Packet Print

Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 21, 2009 9:02:29 AM

Page 6

Work Order ID: 54753

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step

Comments:

Start Date: 12/21/09

Required Date: 12/31/09

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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D2562-001 +1

Manufactured

No

110

Each

5.0000

4.0000



Strut

10-1-12

sl

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

5

52031

5

4

D2563 +1

Manufactured

No

110

Each

0.0000

4.0000



Step Weldment Assembly

D2565-101 +1

Manufactured

No

110

Each

6.0000

4.0000



Strut

10-1-12

sl

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST270

6

51456

6

4

D2565-103 +1

Manufactured

No

110

Each

6.0000

4.0000



Strut

10-1-12

sl (4)

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST270

6

51457

6

4

December 21, 2009 9:02:29 AM

Shop Packet Print

Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 21, 2009 9:02:34 AM

Page 7

Work Order ID: 54753

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step

Comments:

Start Date: 12/21/09

Required Date: 12/31/09

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2565-105	x1	Manufactured	No			110	Each	15.0000	4.0000			



Strut



10-1-12 sf

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST27

5

50059

5

Main Warehouse

ST270

10

51458

10

D2565-107 x1

Manufactured No



Strut

110

Each

4.0000

4.0000



10-1-12 sf

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST270

4

51459

4

D2565-109 x1

Manufactured No



Strut

110

Each

6.0000

4.0000



10-1-12 (4) sf

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

6

51460

6

4

December 21, 2009 9:02:34 AM

Shop Packet Print

Page 7

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 21, 2009 9:02:35 AM

Page 8

Work Order ID: 54753

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step

Comments:

Start Date: 12/21/09

Required Date: 12/31/09

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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D2565-111, *+*

Manufactured

No

110

Each

6.0000

4.0000



+ Strut



10-1-12 *sf*

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

6

47830

6

MS21042L4 *+*

Purchased

No

110

Each

4,605.000

32.0000



+ Nut



10-1-12 *sf*

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

4605

102552

6

104248

6

110507

184

111827

3409

113422

1000

15924

0

32

December 21, 2009 9:02:35 AM

Shop Packet Print

Page 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 21, 2009 9:02:40 AM

Work Order ID: 54753

Parent Item: D205-633-011

Parent Item Name: Heli-Access-Step

Comments:

Start Date: 12/21/09

Required Date: 12/31/09

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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MS21042L5 *h2*

Purchased

No

110

Each

678.0000

8.0000



10-1-12 SP

20

Nut

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

678

110382

10

111636

11

112314

657

*S*_____

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

5.0 PARTS LISTS

5.1 D205-633-011/-013/-015/-017 Heli-Access Step

QTY -011	QTY -013	QTY -015	QTY -017	Part Number	Description
X				D205-633-011	Heli-Access-Step™, High Gear
	X			D205-633-013	Heli-Access-Step™, Extended High Gear (31")
		X		D205-633-015	Heli-Access-Step™, Extended High Gear (39")
			X	D205-633-017	Heli-Access-Step™, Standard Low Gear
1			1	D2021-101	EYEBOLT
2	2	2	2	D2022-101	SPACER
2	2	2	2	D2022-103	SPACER
1				D2562-001	STRUT
		1		D2562-005	STRUT
			1	D2562-007	STRUT
	1			D2562-013	STRUT
1	1	1	1	D2563	WELDMENT ASSEMBLY
1				D2565-101	STRUT
1				D2565-103	STRUT
1				D2565-105	STRUT
1				D2565-107	STRUT
1				D2565-109	STRUT
1				D2565-111	STRUT
	1			D2565-201	STRUT
	1			D2565-203	STRUT
	1			D2565-205	STRUT
	1			D2565-207	STRUT
	1			D2565-209	STRUT
	1			D2565-211	STRUT
		1		D2565-301	STRUT
		1		D2565-303	STRUT
		1		D2565-305	STRUT
		1		D2565-307	STRUT
		1		D2565-309	STRUT
			1	D2565-401	STRUT
			1	D2565-403	STRUT
			1	D2565-405	STRUT
			1	D2565-407	STRUT
			1	D2565-409	STRUT
			1	D2565-411	STRUT
		1		D3165-1	SUPPORT ARM
	1	1		AN44-7A	EYEBOLT
2	1	1	2	AN4-5A	BOLT
2	3	3	2	AN4-6A	BOLT
2	2	2	2	AN4-7A	BOLT
1	1	1	1	AN4-14A	BOLT
	1	1		AN4-10A	BOLT
1			1	AN5-6A	BOLT
1	1	1	1	AN5-14A	BOLT
15	16	16	15	AN960JD416	WASHER
4	4	4	4	AN960JD516	WASHER
8	8	8	8	MS21042L4	NUT (or MS21042-4)
2	2	2	2	MS21042L5	NUT (or MS21042-5)

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Revision: B

Date: 07.08.21